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(56) Documents Cited

GB 1403898 A

GB 1235821 A

GB 1166585 A

GB 1111341 A

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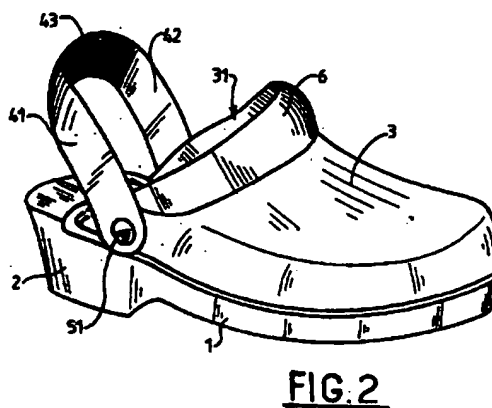
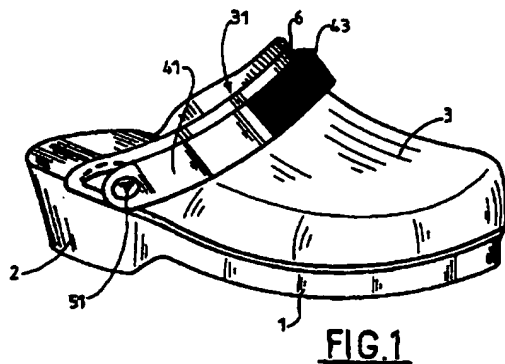
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(54) Abstract Title

Clog with extensible strap

(57) Item of footwear in the form of a clog closed at the front and open at the rear, comprising a strap connected at each end by a rivet to the upper (3) of the clog.

The strap, which is at least partially extendable, is fixed at each end to a pivot rivet (51, 52) in order to move from a retracted position on the upper (3), affording free access to the clog, to a deployed position at the rear in which it encloses the heel.



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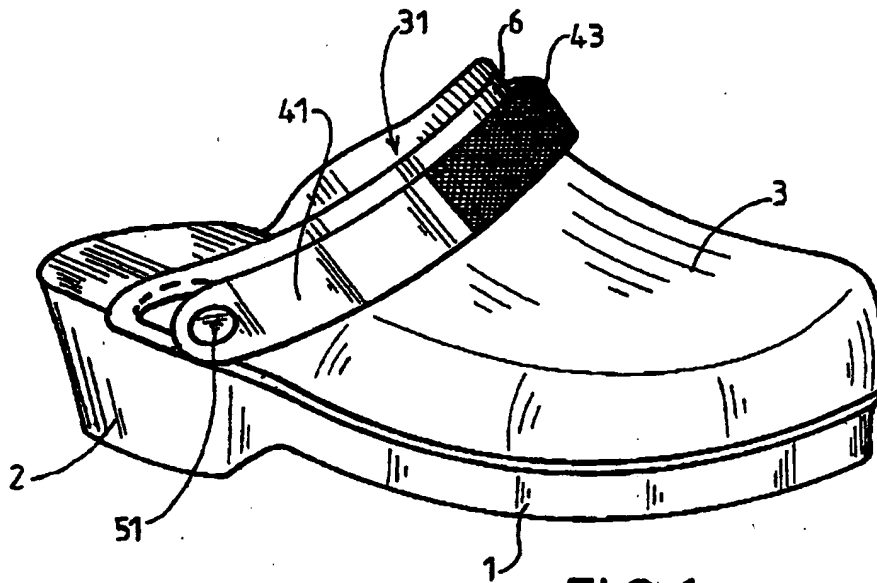


FIG. 1

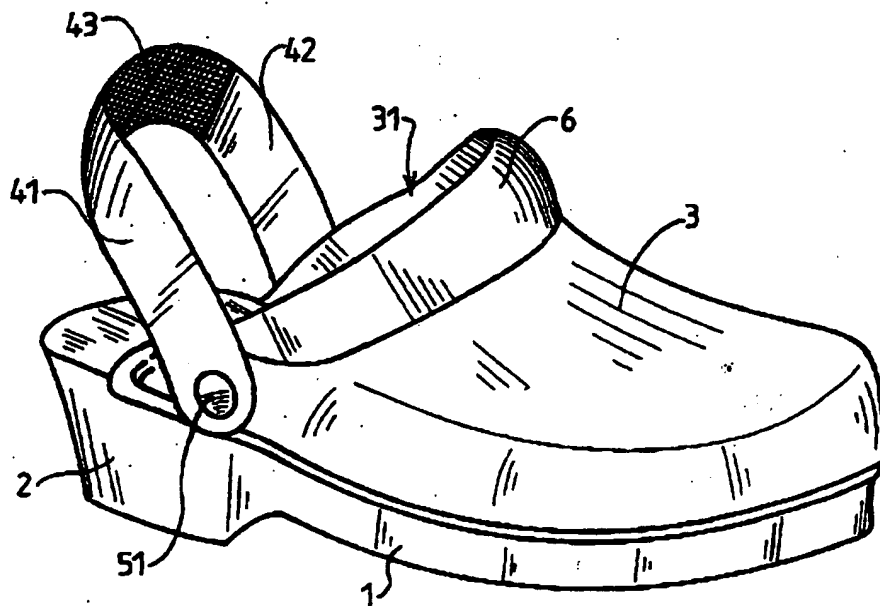


FIG. 2

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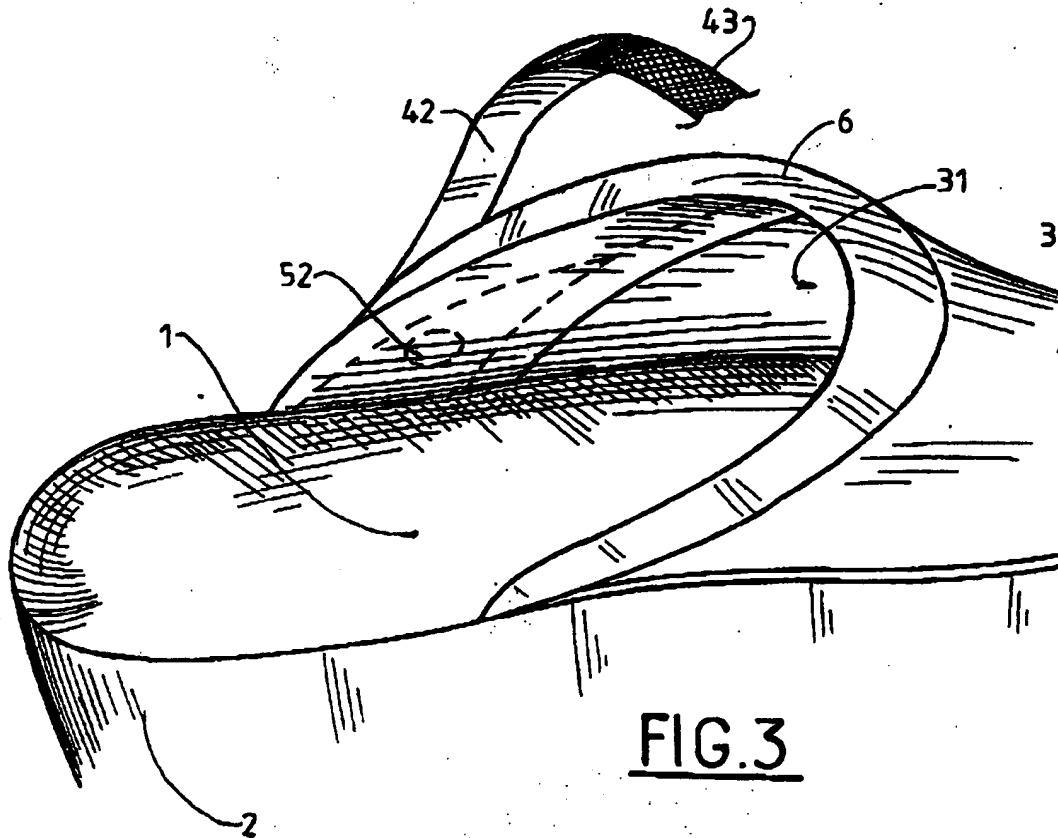


FIG. 3

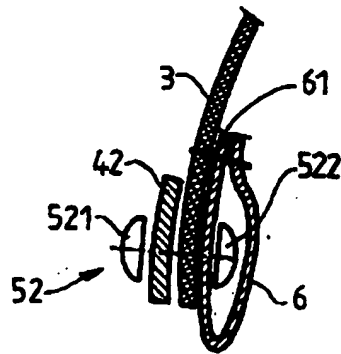


FIG. 4

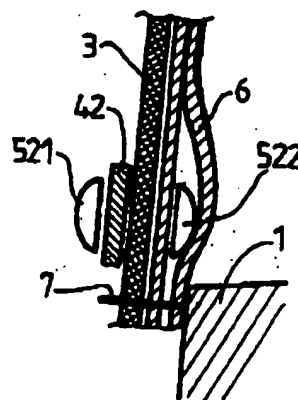


FIG. 5

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The present invention relates to an item of footwear in the form of a clog

- closed at the front and open at the rear,
comprising a strap connected at each end by a rivet to the upper of the clog.

Items of footwear or clogs of that type are already known and are used mainly indoors by people walking a great deal in the course of their work, such as, for example, hospital staff.

Such a clog has the disadvantage of having a strap of adjustable or adaptable length whose metal buckle is in contact with the foot. The same applies to the rivet part of the strap, facing the interior of the clog.

Under the effects of perspiration, the metal parts, even when treated, rust or irritate the skin.

The aim of the present invention is to provide an item of footwear of the type defined above which is simple to produce and use and does not include any parts likely to irritate the skin.

To that end, the invention relates to an item of footwear of the type defined above, characterised in that the strap, which is at least partially extendable, is fixed at each end to a pivot rivet in order to move from a retracted position on the clog upper, affording free access to the clog, to a deployed position at the rear in which it encloses the heel.

According to another very advantageous feature, the strap, which is at least partially extendable, is formed by two

lateral, non-extendable portions, each fixed at one end to a pivot rivet, and an intermediate, elastic portion.

The strap, thus comprising three portions, can be moved to a retracted position on the upper of the item of footwear. It can also move to an active position. Movement from one of the two positions to the other is effected simply by deforming and extending the elastic portion without having to open a buckle.

When the strap is in the active position, no metal part is in contact with the skin, thus avoiding any irritation.

The same applies to the inner portion of the rivets which is covered by material, such as, for example, leather or imitation leather, matching that of the upper of the item of footwear and, particularly, the trim surrounding the opening of the shoe.

The elastic portion of the strap comprises, for example, a piece of elastic arranged in a sleeve having stitched gathering.

According to another feature, the opening of the cavity of the clog is surrounded by padded trim, fixed to the inside of the opening along its edge, and the trim surrounds the inner head of each rivet.

The present invention will be described below in greater detail with reference to the appended drawings in which:

- Figure 1 shows the item of footwear according to the invention, the strap being retracted on the upper,
- Figure 2 shows the same item of footwear, the strap being in the active position,

- Figure 3 is a partial, perspective view towards the interior of the item of footwear,
- Figure 4 is a horizontal, partial sectional view of the upper of the item of footwear in the region of a rivet,
- Figure 5 is a vertical, partial sectional view of the upper of the item of footwear in the region of a rivet.

According to the Figures, the item of footwear in the form of a clog comprises a sole 1 having a heel 2; the front and the upper 3 form a cavity in which the front of the foot is accommodated. On the other hand, the ankle and the heel remain free. The upper may be solid or openworked.

The upper 3 is provided with a strap formed by three portions, two lateral portions 41, 42 and an intermediate portion 43. The lower end of the lateral portions 41, 42 is connected by a rivet 51, 52 to the upper 3 of the shoe. The other end of the lateral portions 41, 42 is connected to the intermediate portion 43. The intermediate portion 43 is elastic, for example a piece of elastic arranged in an outer sleeve having stitched gathering. Therefore, the strap can be moved from the position in Figure 1 to the position in Figure 2, and vice versa.

The elasticity of the portion 43 is sufficient to hold the strap in its retracted position (Figure 1) or to move it to its active position (Figure 2) in which it encloses the rear of the foot.

The mouth 31 of the upper 3 is edged by padded trim 6 comprising a strip of supple material, folded back upon itself and fixed along the edge of the upper 3 to form a large, supple contact surface, avoiding irritation of the skin at this very stressed position.

Figure 3 shows the attachment of the strap by a rivet 52, which is visible owing to the transparency of the drawing, but which is not, in reality, apparent in the cavity 31 of the upper 3.

The rivet 52, like the other rivet 51, is enclosed by the trim 6 as shown in Figure 4.

Figure 4, which is a substantially horizontal section through the rivet 52 and the corresponding portion of the clog, shows the upper 3 with, on the outside, the portion 42 of the strap and the outer head 521 of the rivet 52. On the inside, the head 522 of the rivet 52 is enclosed by the folded portion of the trim 6, which is itself sewn by stitching 61 to the inside of the upper 3 along the mouth of its cavity 31.

The vertical section in Figure 5 shows how the upper in its entirety is fixed to the sole 1 by lateral staples 7. The sole, or at least the upper portion of the sole, is generally wooden.

CLAIMS

1. Item of footwear in the form of a clog
- closed at the front and open at the rear,
comprising a foldable strap connected at each end by a rivet to the upper (3) of the clog,
characterised in that
the strap, which is at least partially extendable, is fixed at each end to a pivot rivet (51, 52) in order to move elastically from a retracted position on the upper (3), affording free access to the clog, to a deployed position at the rear in which it encloses the heel.
2. Item of footwear according to claim 1,
characterised in that
the strap, which is at least partially extendable, is formed by two lateral, non-extendable portions (41, 42), each fixed at one end to a pivot rivet (51, 52), and an intermediate, elastic portion (43).
3. Item of footwear according to claim 1,
characterised in that
the rivet is covered on the inside of the item of footwear by a protective layer.
4. Item of footwear according to any of claims 1 to 3,
characterised in that
the opening of the cavity (31) of the clog is surrounded by padded trim (6), fixed to the inside of the opening along its edge, and the trim (6) surrounds the inner head (522) of each rivet (52, 51).



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Claims searched: 1-4

Examiner: Jeremy Philpott
Date of search: 27 April 1998

Patents Act 1977 Search Report under Section 17

Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK Cl (Ed.P): A3B

Int Cl (Ed.6): A43B: 1/06, 3/10, 3/12, 13/08; A43C: 11/00

Other: Online: WPI

Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
Y	GB 1403898 A (Famolare Inc.) whole document & Figures.	3-4
Y	GB 1235821 A (Winton Cheun Chiu) whole document & Figures, note elastic insert 45 in heel strap 43 (Figure 6)	2
X	GB 1166585 A (Goens Traskofabrik Olsson & Co.) whole document & Figures, note page 1 lines 61-71.	1
X, Y	GB 1111341 A (Arthur John Schellkopf) whole document & Figures.	1 (X) 2-4(Y)

X Document indicating lack of novelty or inventive step
Y Document indicating lack of inventive step if combined with one or more other documents of same category.

& Member of the same patent family

A Document indicating technological background and/or state of the art.
P Document published on or after the declared priority date but before the filing date of this invention.
E Patent document published on or after, but with priority date earlier than, the filing date of this application.